APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/803,825	03/12/2001	Andrew D. Dingsor	RSW920000169US1	1006

7590 06/05/2006	EXAMINER
Esther H. Chong, Esquire	SWEARINGEN, JEFFREY R
Synnestvedt & Lechner LLP	

ART UNIT	PAPER NUMBER
2145	

Esther H. Chong, Esquire
Synnestvedt & Lechner LLP
2600 Aramark Tower
1101 Market Street
Philadelphia, PA 19107-2950

DATE MAILED: 06/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)
Office Action Summary		09/803,825	DINGSOR ET AL.
		Examiner	Art Unit	
		Jeffrey R. Swearingen	2145	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>*16 March 2006*</u>.

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>*1-21*</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>*1-21*</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All b) ☐ Some * c) ☐ None of:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____.

       3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1.   This application has been reassigned to a new examiner.

Continued Examination Under 37 CFR 1.114

2.   A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR

1.17(e), was filed in this application after final rejection. Since this application is eligible for continued

examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the

finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's

submission filed on 3/16/2006 has been entered.

Response to Arguments

3.   .   Applicant's arguments with respect to claims 1-21 have been considered but are moot in view of

the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

4.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for

the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by
another filed in the United States before the invention by the applicant for patent or (2) a patent
granted on an application for patent by another filed in the United States before the invention by the
applicant for patent, except that an international application filed under the treaty defined in section
351(a) shall have the effects for purposes of this subsection of an application filed in the United States
only if the international application designated the United States and was published under Article 21(2)
of such treaty in the English language.

5.   Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Borella et al. (US

6,353,614 B1).

6.   In regard to claims 1, 9 and 15, Borella disclosed:

preparing, by said one of the plurality of servers, a response packet responsive to the client

packet; (column 9, lines 1-16)

performing, by said one of the plurality of servers, a translation operation on the response packet

to produce a translated response packet; (column 9, lines 1-16) *and*

transmitting the translated response packet directly to the client from said one of the plurality of

servers, thereby bypassing the NAT machine. (column 12, lines 16-27)

7.   In regard to claim 2, Borella disclosed:

determining whether translation instructions are stored in said one of the servers; (column 12,

lines 16-27)

executing the performing step if the determining step indicates that the translation instructions are

stored in said one of the servers. (column 12, lines 16-27)

8.   In regard to claims 3, 10 and 16, Borella disclosed:

sending the response packet from said one of the servers to the NAT machine if the determining

step indicates that the translation instructions are not stored in said one of the servers. (column 12, lines

3-27)

9.   In regard to claims 4, 11 and 17, Borella disclosed:

performing a translation operation on all subsequent response packets prepared by said one of

the servers based on the translation instructions; (column 12, lines 16-27) *and*

transmitting the translated subsequent response packets directly to the client. (column 12, lines

16-27)

10.   In regard to claims 5 and 18, Borella disclosed:

determining, by the NAT machine, if predetermined criteria have been satisfied for sending the

translation instructions to said one of the servers; (column 8, lines 28-61) *and*

sending the translation instructions to said one of the servers if the predetermined criteria have

been satisfied. (column 8, lines 28-61)

11.   In regard to claims 6, 12 and 19, Borella disclosed:

       the translations instructions identify information to be modified in a header of the response

packet. (column 8, lines 28-61)

12.   In regard to claims 7, 13 and 20, Borella disclosed:

       evaluating a header of the response packet to identify a current IP destination address and a

current destination port indicated in the header, (column 9, lines 1-16)

       determining, using the translation instructions, a client IP address and a client port associated

with the current IP destination address and the current destination port, (column 9, lines 1-16) *and*

       modifying the header of the response packet to designate the client IP address and client port as

the current IP destination address and the current destination port, respectively. (column 9, lines 1-16)

13.   In regard to claims 8, 14 and 21, Borella disclosed:

       transmitting, by the NAT machine, instructions to stop the translation operation; (column 7, lines

       25-44) and

       transmitting, by said one of the servers, the response packet to the NAT machine according to

said instructions. (column 7, lines 25-44)

Conclusion

14.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

15.   Cohen et al.   US 6,389,462 B1

16.   Millet et al.   US 6,434,627 B1

17.   Albert et al.   US 6,650,641 B1

18.   Lee, Eun-Sang et al. "An Expanded NAT with Server Connection Ability." TENCON 99:

Proceedings of the IEEE Region 10 Conference. Vol. 2. September 15-17 1999.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey R. Swearingen whose telephone number is (571) 272-3921. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on 571-272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jason Cardone
Supervisory Patent Examiner
Art Unit 2145